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Reside in: Moscow, Russia  
Citizenship: Russia  
Ready to relocate, ready for business trips

### **Summary**

Full Flight Simulator Engineer, Simulator Engineer, Full Flight Simulator Technician

### **Professional History**

#### **Company: Pobeda Airlines**

<https://www.pobeda.aero/en-US>

Place: Moscow, Russia

Period: 14 September 2021 - now

Position: Engineer

#### **Duties and responsibilities:**

I have embarked on a new project - installation of a new aviation training centre for full flight simulators pilot training.

- Taking pre-installation necessary measurements on a freshly built facility, preparation of electrical wiring and HVAC drawings, carrying out designer's supervision during construction works
- Assembling simulator chassis, frames, panels, mechanical and electro-mechanical assemblies, cables, systems, etc. per engineering blueprints
- Commissioning, carrying out acceptance tests, troubleshooting revealed defects to meet and comply with regulatory standards
- Document preparation for certification in the aviation authority body, designing job instructions, operation manual, internal standards.
- Successful put into operation and further work as a simulator technician for delivering uninterrupted service for students
- Providing maintenance for cabin emergency evacuation, fire fighting and door trainers.

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#### **Company: S7 Airlines**

<https://www.s7.ru/en/>

Place: Moscow, Russia

Period: 01 January 2020 - 13 September 2021

Position: Senior Engineer

#### **Duties and responsibilities:**

Promoted to the Senior Engineer position.

Additional duties are:

- Task distributing between shift engineers
- Carrying out shift handover procedure, shift report preparation
- Run and evaluate Qualification Test Guide (QTG) results
- Interaction with the manufacturers in case of especially complicated malfunctions

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**Company: S7 Airlines**

<https://www.s7.ru/en/>

Place: Moscow, Russia

Period: 17 March 2017 - 31 December 2020

Position: Shift Engineer

Duties and responsibilities:

I worked as a FFS engineer in the aviation training centre.

- Troubleshooting flight simulator AOG by applying comprehensive technical knowledge to solve complex problems, those not typically solved by properly interpreting maintenance manuals or similar documents
- Performing preventive maintenance tasks; motion and control loading daily operational readiness tests on the simulators
- Carrying out visual alignments on visual systems; calibrations if needed in case of replacing faulty device
- Troubleshooting electronic, electric, mechanical and hydraulic systems of flight simulators.
- Repairing and replacing cockpit push-buttons, knobs, coder assy's replacement in avionic LRU's (disassembling, resoldering)
- Getting clarification from the manufacturer on complicated technical problems which may not be seen on the hardware monitoring system.
- As a result – maintaining an uninterruptible availability of full-flight simulators for training students

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**Educational History**

Moscow Institute of Radio Engineering, Electronics and Automation

01.09.2003 - 25.02.2009

Degree: Master's degree

Major: Information Measuring Equipment and Technology Engineering

Thesis: Development of analog and digital components of an electro-optical remote control system

**Training courses:**

2019 - FlightSafety International FFS maintenance training course

2021 - L3Harris FFS Standard 2.0-specific training course

**Skills**

Theoretical Knowledge

- Airplane Flight Simulator Evaluation Handbook
- ICAO Doc. 9625: Manual of Criteria for the Qualification of Flight Simulation Training Devices
- EASA Certification Specifications for Aeroplane Flight Simulation Training Devices
- ARINC Standard 433

Practical experience in following equipment:

- Thales/L3/L3Harris Full Flight Simulators standard 1.5, 1.7, 2.0, EM2K and Moog motion system
- FlightSafety Full Flight Simulators
- CAE 7000XR Series Full Flight Simulators
- Rockwell Collins EP 1000, 8000, 8100 visual systems

- Moog control loading and motion systems
- ECA Faros touch screen trainers A320, B737
- CEET: A320, Embraer 170, Fire fighting training devices

#### General Skills

- Integrity, attention to details, good hand-eye coordination, ability to learn quickly
- Proficient in use of diagnostic tools and test equipment, soldering iron, hand and power tools
- Understanding mechanical, hydraulic, electrical and electronic drawings
- Skills of electrical works

#### **Languages**

English - C2 (confirmed with Cambridge Certificate of Proficiency in English)

Russian - native